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PUBLIC HEALTH REPORTS.

UNITED STATES.

Statistical reports of States and cities of the United States—Yearly and monthly

CALIFORNIA—*San Diego.*—Month of November, 1902. Estimated population, 20,000. Total number of deaths, 19, including 2 from phthisis pulmonalis.

KANSAS—*Wichita.*—Two weeks ended December 27, 1902. Estimated population, 28,163, Total number of deaths, 16, including enteric fever, 1, and 1 from tuberculosis.

MICHIGAN.—Reports to the State board of health, Lansing, for the week ended December 27, 1902, from 61 observers, indicate that scarlet fever, inflammation of bowels, and remittent fever were more prevalent and diarrhea, erysipelas, measles, and whooping cough were less prevalent than in the preceding week. Meningitis was reported present at 4. whooping cough at 17, measles at 23, diphtheria at 43, enteric fever at 45, smallpox at 70, scarlet fever at 84, and phthisis pulmonalis at 227 places.

NEW YORK—*Middletown.*—Month of November, 1902. Estimated population, 15,000. Number of deaths, not reported. One death from diphtheria and 3 deaths from tuberculosis reported.

PENNSYLVANIA—*Pottsville.*—Month of December, 1902. Estimated population, 15,710. Total number of deaths, 22, including 1 from diphtheria.

VIRGINIA—*Lynchburg.*—Month of December, 1902. Estimated population, 30,000. Total number of deaths, 42, including enteric fever, 2, and 7 from phthisis pulmonalis.

Inspection of immigrants.

WEEKLY.

Place.	Week ended.	No. of vessels.	No. of immigrants.
Baltimore, Md	Jan. 3	2	811
Boston, Mass	Dec. 27	7	256
New York, N. Y	do	16	6,501
Philadelphia, Pa	Jan. 3	2	134
Ponce, P. R	Dec. 20	4	21
San Juan, P. R	do	4	29
Subports	do	1	1

MONTHLY.

Place.	Month ended.	No. of immigrants passed.	No. rejected.
Portland, Me	Dec. 31	34	0
Sault Ste Marie, Mich	do	109	102

Reports from national quarantine

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
	UNITED STATES:				
1	Alexandria, Va.	Dec. 27			
		Jan. 3			
2	Beaufort, N. C	do			
3	Biscayne Bay, Fla.	Dec. 27			
	Boca Grande, Fla.:				
4	Punta Gorda	Dec. 20			
5	Punta Rassa	do			
6	Brunswick, Ga	Dec. 27			
7	Cape Charles, Va.	do			
		Jan. 3			
8	Cape Fear, N. C.	Dec. 27			
9	Cedar Keys, Fla	Jan. 3			
10	Columbia River, Oreg.	Dec. 20			
		Dec. 27	Br. ship County of Linlithgow.	Dec. 27	Shanghai
11	Cumberland Sound, Fla.	do			
12	Delaware Breakwater Quarantine, Lewes, Del.	do			
13	Dutch Harbor, Alaska	Nov. 22			
14	Eastport, Me.	Jan. 1			
15	Eureka, Cal.	Dec. 20	Nor. bk. Oxo (a)	Dec. 13	Mazatlan
		Dec. 27			
16	Grays Harbor, Wash.	Dec. 20			
17	Gulf Quarantine, Ship Island, Miss.	Dec. 27			
18	Key West, Fla	do			
19	Los Angeles, Cal.	Dec. 20			
		Dec. 27			
20	Newbern, N. C	Jan. 3			
21	Nome, Alaska	Dec. 7			
22	Pascagoula, Miss.	Dec. 27			
		Jan. 2			
23	Port Angeles, Wash	Dec. 20			
24	Portland, Me.	Dec. 27			
25	Port Townsend, Wash.	Dec. 20			
26	Reedy Island, Del.	Dec. 27			
	St. Georges Sound, Fla.:				
27	East Pass	do			
28	West Pass	Dec. 20			
		Dec. 27			
29	St. Johns River, Fla	do			
30	San Diego, Cal.	Dec. 20			
		Dec. 27	U. S. S. Boston	Dec. 21	Magdalena Bay
31	San Francisco, Cal	Dec. 20	Am. ss. Umatilla	Dec. 14	Victoria
			Am. ss. City of Puebla	Dec. 18	do
		Dec. 27	Am. ss. Queen	Dec. 23	do
32	San Pedro, Cal.	Dec. 20			
33	Santa Barbara, Cal.	do			
34	Santa Rosa, Fla	Dec. 27			

a Previously reported.

and inspection stations.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1				No transactions	
				do	
2				No report	
3					1
4				No report	
5					
6					5
7					2
					8
8					1
9				No report	
10					2
	Portland	Held for disinfection		1 case smallpox convalescent; mud ballast from Whongpoo River; crew to be vaccinated and twice bathed, and their effects to be twice disinfected.	
11				No report	
12				do	
13				do	
14					15
15	Eureka	Inspected	Dec. 14		
				No transactions	
16				do	
17				do	
18					4
19					3
				No transactions	
20				No report	
21				do	
22					2
				1 vessel spoken and passed.	9
23					1
24					2
25				Glandular region of forecastle crew and steerage passengers on Br. ss. Duke of Fife, from Hongkong, and Jap. ss. Riojun Maru, from Kobe, examined.	12
26				1 vessel spoken and passed.	15
27				No transactions	
28				do	
				do	
29					1
30					3
	San Diego	Passed on statement of medical officer.	Dec. 21		2
31	San Francisco	Boarded and passed	Dec. 14	1 death from malarial fever on Am. ss. Barracouta from Panama.	9
	do	do	Dec. 18	Physical examination of forecastle crew and steerage passengers on Am. ss. Peru from Hongkong.	
	do	do	Dec. 23	Glandular regions of forecastle crew and steerage passengers on Am. ss. City of Pekin from Kobe examined; malaria on U. S. army transport Thomas from Manila.	27
32				No transactions	
33				No report	
34				do	

Reports from national quarantine

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
	UNITED STATES—Cont'd.				
35	Savannah, Ga	Dec. 27			
36	Sitka, Alaska	Dec. 21			
37	South Atlantic Quarantine, Blackbeard Island, Ga.	Dec. 27			
38	Tampa Bay, Fla	do	Br. ss. Aberfeldy	Dec. 27	Tampico
39	Washington, N. C	do			
	CUBA:				
40	Cienfuegos	Jan. 3			
41	Havana	do			
42	Matanzas	do			
43	Nuevitas	do			
44	Santiago de Cuba	do			
	HAWAII:				
45	Hilo	Dec. 6			
46	Honolulu	Dec. 13			
47	Kahului	do			
48	Kihei	Dec. 6			
		Dec. 13			
49	Koloa	do			
50	Lahaina	do			
	PHILIPPINES:				
51	Cebu	Nov. 14			
52	Iloilo	Nov. 8			
		Nov. 15	Am. ss. Iroquois	Nov. 9	Balasan
53	Manila	do	Am. sc. Resurreccion	Nov. 12	Carigara
		Nov. 22	Am. ss. Resurreccion (a)	do	do
			U. S. army transport Thomas.	Nov. 17	Manila
			Am. ss. Truña	Nov. 18	Manila
			Am. ss. Cabanbanan	Nov. 20	do

a Previously reported.

and inspection stations—Continued.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
35					8
36				No report	
37					1
38	Port Tampa	Held for diagnosis of fever		1 case fever	1
39				No transactions	
40				No report	
41				do	
42				do	
43				do	
44				do	
45					1
46					7
47				No transactions	
48				do	
				do	
49				do	
50					1
51				No report	
52					52
	Iloilo	Disinfected and held five days.	Nov. 14	7 cholera cases and 2 cholera deaths.	45
53	Manila	Disinfected and released under new crew; personnel held.		1 case, 1 death smallpox; 28 crew, 12 passengers bathed, and all effects and baggage disinfected; patient placed in hospital; personnel vaccinated and segregated in barracks; vessel redisinfected; all personnel held.	67
	do	Personnel remaining in quarantine under observation.		1 case, 1 death, smallpox; persons unsuccessfully vaccinated revaccinated; 1 additional case of smallpox developed on the 22d in a small family group.	90
	San Francisco	Disinfected and held.		3 cases of cholera; 1 suspect case among troops and casuals; vessel sent to Mariveles; 1,206 passengers and 170 crew bathed and all effects disinfected; vessel thoroughly cleaned; 75 contacts not allowed to embark on vessel sent to station and segregated on shore; all inspected daily.	
	Iloilo	Disinfected and held.		1 case cholera; patient removed at Manila; vessel sent to Mariveles; personnel bathed and all effects, baggage, and bedding disinfected, and vessel cleaned; all inspected daily.	
	do	do		1 case cholera; patient sent to hospital; personnel bathed, and effects and baggage disinfected; vessel mechanically cleaned; all held under observation.	

Reports from national quarantine

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
	PORTO RICO:				
54	Ponce	Dec. 20	Ger. ss. Hungaria	Dec. 15	Curaçao
			Sp. ss. Montserrat	Dec. 19	Havana
55	San Juan	do	do	Dec. 20	do
	Subports—				
56	Aguadilla	do			
57	Arecibo	do			
58	Arroyo	do			
59	Fajardo	do			
60	Humacao	do			
61	Mayaguez	do	Ger. ss. Hungaria	Dec. 16	Carupano

Reports from State and

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
1	Baltimore, Md	Jan. 3			
2	Bangor, Me	do			
3	Boston, Mass	do			
4	Charleston, S. C	Dec. 27			
5	Elizabeth River, Va	do			
6	Galveston, Tex	do			
7	Gardiner, Oreg	do			
8	Marcus Hook, Pa	Jan. 3			
9	Mobile Bay, Ala	Dec. 27			
10	New Bedford, Mass	do			
11	New Orleans, La	Dec. 20	Br. ss. Maskelyne	Dec. 14	Santos via Rio de Janeiro.
			Nor. bk. Orient	Dec. 19	Maranham
12	Newport News, Va	Jan. 3			
13	Newport, R. I	do			
14	New York, N. Y	do			
15	Pass Cavallo, Tex	do			
16	Port Royal, S. C	do			
17	Providence, R. I	do			
18	Quintana, Tex	do			
19	Sabine Pass, Tex	do			
20	St. Helena Entrance, S. C	do			

and inspection stations—Continued.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed
54	Hamburg	Held in quarantine	Dec. 15		3
	Genoa	do	Dec. 19	Disinfected 4 pieces of baggage; 6 passengers detained for observation.	
55	San Juan	do	Dec. 21	6 passengers detained	6
56					4
57				No transactions	
58				do	
59					1
60					1
61	Aguadilla	Held in quarantine	Dec. 16		5

municipal quarantine stations.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1				No report	
2				do	
3				do	
4					3
5				No report	
6				do	
7				do	
8					
9					11
10				No report	
11	New Orleans	Disinfected	Dec. 14		
	do	Disinfected and held			
12				No report	
13				do	
14				do	
15				do	
16				do	
17				do	
18				do	
19				do	
20				do	

Smallpox in the United States as reported to the Surgeon-General Public Health and Marine-Hospital Service, December 27, 1902, to January 9, 1903.

For reports received from June 28, 1902, to December 26, 1902, see PUBLIC HEALTH REPORTS for December 26, 1902.

Places.	Date.	Cases.	Deaths.	Remarks.
California:				
Los Angeles	Dec. 8-Dec. 21	4		
Sacramento	Dec. 7-Dec. 27	3		
San Francisco	Dec. 8-Dec. 21	10		
Total for State		17		
Total for State, same period, 1902.		9		
Colorado:				
Denver	Dec. 7-Dec. 20	9		
Total for State		9		
Total for State, same period, 1902.				
Connecticut:				
Hartford	Dec. 31	1		Imported.
Total for State		1		
Total for State same period, 1902.				
Georgia:				
Atlanta	Dec. 11-Dec. 17	3	1	
Total for State		3	1	
Total for State, same period, 1902.				
Illinois:				
Chicago	Dec. 14-Jan. 3	9		
Total for State		9		
Total for State, same period, 1902.		125		
Indiana:				
Adams County	Nov. 1-Nov. 30	19		
Allen County	do	3		
Boone County	do	1		
Cass County	do	1		
Clay County	do	2		
Clinton County	do	3	1	
Daviess County	do	12		
Decatur County	do	1		
Dekalb County	do	13		
Delaware County	do	2		
Fayette County	do	1		
Floyd County	do	1		
Fountain County	do	1		
Fulton County	do	1		
Gibson County	do	1		
Grant County	do	10		
Green County	do	31		
Hancock County	do	32		
Harrison County	do	5		
Howard County (Kokomo included).	Nov. 1-Dec. 27	5		
Jay County	Nov. 1-Nov. 30	16		
Knox County	do	65		
Kosciusko County	do	2		
Lake County	do	50		
Laporte County	do	5		
Lawrence County	do	65		
Madison County (Elwood included).	Nov. 1-Dec. 21	4		
Marion County (Indianapolis included).	Nov. 1-Dec. 27	35	4	
Martin County	Nov. 1-Nov. 30	8		
Monroe County	do	26		
Noble County	do	5		
Orange County	do	2		
Randolph County	do	4		
Ripley County	do	1		
Shelby County	do	1		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indiana—*Continued.*				
St. Joseph County (South Bend included).	Nov. 1-Dec. 27	2	1	
Tippecanoe County	Nov. 1-Nov. 30	5		
Tipton County	do	1		
Vanderburgh County (Evansville included).	Nov. 1-Dec. 27	2		One case imported.
Vigo County	Nov. 1-Nov. 30	18		
Wabash County	do	5		
Total for State		467	6	
Total for State same period, 1902.		9		
Kentucky:				
Lexington	Dec. 14-Dec. 27	2		
Louisville	Jan. 1-Dec. 26	214	1	
Total for State		216	1	
Total for State, same period, 1902.		4	2	
Louisiana:				
New Orleans	Dec. 14-Dec. 20	1		Imported.
Total for State		1		
Total for State, same period, 1902.		7		
Maine:				
Portland	Dec. 21-Dec. 27		1	
Total for State			1	
Total for State, same period, 1902.		1		
Maryland:				
Baltimore	Dec. 28-Jan. 3	1		
Total for State		1		
Total for State, same period, 1902.				
Massachusetts:				
Boston	Dec. 14-Jan. 3	49	13	
Everett	Dec. 14-Dec. 20		1	
Fall River	Dec. 28-Jan. 3	3		
Lawrence	Dec. 14-Dec. 20	2		
Somerville	Dec. 21-Dec. 27	1		
Total for State		55	14	
Total for State, same period, 1902.		39	8	
Michigan:				
Detroit	Dec. 14-Dec. 27	93	1	
Grand Rapids	Dec. 14-Dec. 27	8		Was present in 40 counties, at 70 places during the week ended Dec. 27, 1902.
Total for State		101	1	
Total for State, same period, 1902.		1		
Minnesota: *a*				
Aitkin County	Dec. 8-Dec. 22	3		
Beltrami County	Dec. 15-Dec. 22	2		
Benton County	Dec. 8-Dec. 22	35		
Big Stone County	Dec. 15-Dec. 22	13		
Blue Earth County	Dec. 8-Dec. 22	4		
Carver County	do	7		
Cass County	Dec. 15-Dec. 22	5		
Chippewa County	Dec. 8-Dec. 22	5		
Crow Wing County	do	6		
Douglas County	Dec. 8-Dec. 15	17		
Grant County	do	3		
Hennepin County	Dec. 8-Dec. 22	14		
Houston County	Dec. 8-Dec. 15	1		
Kanabec County	do	5		
Kandiyohi County	do	4		
Lac Qui Parle County	Dec. 8-Dec. 22	8		

a The figures in the total number of deaths were erroneously transposed in PUBLIC HEALTH REPORTS of January 2, 1902. The number of cases reported was 138.

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases	Deaths.	Remarks.
Minnesota—*Continued.*				
McLeod County	Dec. 8-Dec. 15	1		
Marshall County	Dec. 15-Dec. 22	1		
Meeker County	Dec. 8-Dec. 22	33		
Millelacs County	Dec. 8-Dec. 15	3		
Mower County	Dec. 8-Dec. 22	9	1	
Murray County	do	10		
Nobles County	Dec. 15-Dec. 22	4		
Norman County	do	1		
Ottertail County	Dec. 8-Dec. 22	15		
Ramsey County	do	7		
Renville County	Dec. 8-Dec. 15	6		
Rice County	do	1		
Sibley County	Dec. 15-Dec. 22	4		
Stearns County	Dec. 8-Dec. 22	15		
Steele County	Dec. 15-Dec. 22	1		
Todd County	do	1		
Wabasha County	do	2		
Wright County	Dec. 8-Dec. 22	8		
Total for State		254	1	
Total for State, same period, 1902.		756	7	
Mississippi:				
Natchez	Dec. 22	10		
Total for State		10		
Total for State, same period, 1902.				
Missouri:				
St. Louis	Dec. 15-Dec. 28	41		
Total for State		41		
Total for State, same period, 1902.		109	1	
Montana:				
Butte	Dec. 23-Dec. 29	1		
Total for State		1		
Total for State, same period, 1902.				
Nebraska:				
Omaha	Dec. 14-Dec. 27	14		
Total for State		14		
Total for State, same period, 1902.		33		
New Hampshire:				
Manchester	Dec. 14-Dec. 27	14		
Nashua	do	23		
Total for State		37		
Total for State, same period. 1902.		2		
New Jersey:				
Camden County (Camden included).	Dec. 14-Jan. 3	7		
Essex County	do	2		
Hudson County (Jersey City included).	Dec. 22-Dec. 28	1		
Total for State		10		
Total for State, same period, 1902.		74	22	
New York:				
Binghamton	Dec. 21-Dec. 27	1		
Buffalo	Dec. 14-Dec. 20	2		
New York	do	1		
Total for State		4		
Total for State, same period, 1902.		158	5	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
North Carolina:				
Buncombe County	Nov. 1-Nov. 30	28		
Burke County	do	10		
Cabarrus County	do	4		
Caldwell County	do	1		
Cherokee County	do	7		
Cleveland County	do			A few.
Craven County	do	30		
Cumberland County	do	1		
Forsyth County	do	30		
Gaston County	do			A few.
Graham County	do	6		
Guilford County	do	2		
Iredell County	do	1		
Jones County	do	4		
McDowell County	do	17		
Mecklenburg County (Charlotte included).	Nov. 1-Dec. 31	214	21	
Onslow County	Nov. 1-Nov. 30	32		
Randolph County	do	4		
Surry County	do	51		
Swain County	do	30		
Union County	do	32		
Yadkin County	do	11		
Total for State		515	21	
Total for State, same period, 1902.		140		
Ohio:				
Butler County (Hamilton included).	Dec. 14-Dec. 20	2		
Cuyahoga County (Cleveland included).	Dec. 14-Jan. 3	23	10	
Hamilton County (Cincinnati included).	Dec. 13-Dec. 26	16		
Lucas County (Toledo included).	Dec. 6-Dec. 27	24	2	
Montgomery County (Dayton included).	Dec. 14-Jan. 3	17		
Trumbull County (Warren included).	Dec. 7-Dec. 27	5	1	
Total for State.		87	13	
Total for State, same period, 1902.		451	6	
Pennsylvania:				
Allegheny County (Pittsburg and McKeesport included).	Dec. 14-Dec. 27	24	3	
Blair County	Dec. 21-Jan. 3	1	3	
Cambria County (Johnstown included).	Dec. 14-Dec. 20	8	2	
Erie County (Erie included)	Dec. 14-Dec. 27	9		
Northumberland County	Dec. 1-Dec. 31	14		
Philadelphia County	Dec. 14-Jan. 3	55	4	
Schuylkill County (Pottsville included).	Dec. 1-Dec. 31	2		
Total for State		113	12	
Total for State, same period, 1902.		130	19	
Rhode Island:				
Warwick	Dec. 25-Dec. 31	4		
Total for State		4		
Total for State, same period, 1902.		9		
South Carolina:				
Charleston	Dec. 21-Dec. 27	1		
Total for State		1		
Total for State, same period, 1902.		2		
South Dakota:				
Sioux Falls	Dec. 21-Dec. 27	1		
Total for State		1		
Total for State, same period, 1902.				

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Tennessee:				
Shelby County (Memphis included).	Dec. 7-Dec. 27	6	.....	
Total for State	.....	6	.....	
Total for State, same period, 1902.	.....	30	.....	
Utah:				
Salt Lake City	Dec. 6-Dec. 27	20	.....	Three imported.
Total for State	.....	20	.....	
Total for State, same period, 1902.	.....	4	.....	
Washington:				
Tacoma	Dec. 8-Dec. 21	2	3	
Total for State	.....	2	3	
Total for State, same period, 1902.	.....	83	1	
Wisconsin:				
Greenbay	Dec. 22-Dec. 28	1	.....	
Milwaukee	Dec. 7-Jan. 3	24	.....	
Total for State	.....	25	.....	
Total for State, same period, 1902.	.....	21	.....	
Grand total	.....	2,025	74	
Grand total, same period, 1902.	.....	2,251	71	

Plague in the United States as reported to Surgeon-General, Public Health and Marine-Hospital Service, from December 27, 1902, to January 9, 1903.

PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
San Francisco	Dec. 11	1	1	

Weekly mortality table, cities of the United States.

Cities.	Week ended.	Population, U. S. census of 1900.	Total deaths from all causes.	Deaths from— T. berculosis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Alton, Ill	Dec. 27	14,210	10											1
Altoona, Pa	do	38,973	7											
Ann Arbor, Mich	do	14,509										1		
Ashtabula, Ohio	do	12,949	7	2										
Atlanta, Ga	Dec. 24	89,872	39	5								1		
Baltimore, Md	Dec 27	508,957	204	24								5	2	
Belleville, Ill	do	17,484	5	1						1				
Binghamton, N. Y	do	38,647	10											
Boston, Mass	do	560,892	189	17		6				5	3	3		2
Brockton, Mass	do	40,063	10	2										
Burlington, Vt	Dec. 20	18,641	12											
Do	Dec. 27	18,641	7											
Butte, Mont	Dec. 14	30,470	11											
Do	Dec. 21	30,470	5											
Do	Dec. 29	30,470	6							1				
Cambridge, Mass	Dec. 27	91,886	15	3										
Camden, N. J	do	75,935	28								1	1		
Charleston, S. C	do	55,807	37	7						2				
Chelsea, Mass	do	34,072	12	1										
Chicago, Ill	do	1,698,575	598	50						39	11	18	7	12
Chicopee, Mass	do	19,167	12								4			
Cincinnati, Ohio	Dec. 26	325,902	85	9						3		1		
Cleveland, Ohio	Dec. 27	381,766	134			4				1	1	2		1
Clinton, Mass	do	13,667	4	1										
Dayton, Ohio	do	85,333	14	1										
Denver, Colo	Dec. 20	133,859	60	17								4		
Detroit, Mich	do	285,704	66									4		
Do	Dec. 27	285,704	95			1						1		
Dunkirk, N. Y	do	11,616	2	1										
Elmira, N. Y	do	35,672	7	1										
Elwood, Ind	Dec. 27	12,950	6											
Erie, Pa	do	52,733	19	4										
Evansville, Ind	Dec. 27	59,007	6	1										
Everett, Mass	do	24,336	4	1								1		
Fall River, Mass	do	104,863	33	5						1		1		
Fitchburg, Mass	do	31,531	11	1										
Galesburg, Ill	do	18,607	6											
Gloucester, Mass	do	26,121	12									1		
Grand Rapids, Mich	do	87,565	13									1		
Green Bay, Wis	Dec. 28	18,684	2											
Hamilton, Ohio	Dec. 27	23,914	6											
Haverhill, Mass	do	37,175	11							1				
Holyoke, Mass	do	45,712	15	2										
Indianapolis, Ind	do	169,164	49	2		4						1		1
Jacksonville, Fla	do	28,429	16	1						1				
Jersey City, N. J	Dec. 28	206,433	73	5								3		1
Kokomo, Ind	Dec. 27	10,609	2											
Lawrence, Mass	do	62,559	29	2								1		
Lexington, Ky	do	26,369	9	1										1
Los Angeles, Cal	Dec. 21	102,479	37	14								2		
Lowell, Mass	Dec. 27	94,969	40									2		
Lynchburg, Va	do	18,891	2											
McKeesport, Pa	do	34,227	18	1										
Malden, Mass	do	33,664	6	1								1		
Manchester, N. H	do	56,987	25	1								2		
Medford, Mass	do	18,244	5											
Memphis, Tenn	do	102,320	27	5						1				
Milwaukee, Wis	do	285,315	84	6						2		2	1	2
Mobile, Ala	do	38,469	14	1						1				
Nashua, N. H	do	23,898	8											
Nashville, Tenn	do	80,865	29	6							1	1		
Newark, N. J	do	246,070	80	13							3	1		
New Bedford, Mass	do	62,442	40	7							1	2		
Newburyport, Mass	do	14,478	8											
New Orleans, La	do	287,104	128	15						3		3		
Newport, R. I	do	22,034	9											
Newton, Mass	do	33,587	8	3										
New York, N. Y	do	3,437,202	1,207	148						18	4	43	10	2
Norristown, Pa	do	22,265	12	1								1		
North Adams, Mass	do	24,200	6											
Northampton, Mass	do	18,643	8	1										
Omaha, Nebr	do	102,555	21											
Oneonta, N. Y	do	7,147	3											
Palmer, Mass	do	7,801	3									1		
Philadelphia, Pa	do	1,293,697	470	58		3				14	1	4	1	6

Weekly mortality table, cities of the United States—Continued.

Cities.	Week ended.	Population, U.S. census of 1900.	Total deaths from all causes.	Deaths from— Tuberculosis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Pittsburg, Pa	Dec. 27	321,616	119	12		3				3		3	2	3
Plainfield, N. J	do	15,369	6	1										
Portland, Me	do	50,145	31	2		1								
Providence, R. I	do	175,597	87	7						2		1		1
Quincy, Mass	do	23,899	12	1										
Sacramento, Cal	Dec. 20	29,282	11	2										
St. Joseph, Mo	Dec. 27	102,979	15	1										
Salt Lake City, Utah	Dec. 22	53,531	16	1						1		1		
Do	Dec. 27	53,531	18	1										
San Francisco, Cal	Dec. 21	342,782	152	21						3		2		
Shreveport, La	Dec. 27	16,013	6							2				
Sioux Falls, S. D	do	10,266	2	1										
Somerville, Mass	do	61,643	24	3								1		
South Bend, Ind	do	35,999	15	1										
Steelton, Pa	do	12,068	3	2										
Streator, Ill	do	14,079	1							1				
Tacoma, Wash	Dec. 21	37,714	10			3					6	2	1	
Taunton, Mass	Dec. 27	31,036	7	1										
Titusville, Pa	do	8,244	0											
Toledo, Ohio	Dec. 13	131,822	40	2		1				2				1
Do	Dec. 20	131,822	30	6		1						1		
Do	Dec. 27	131,822	36	2						2		1		
Waltham, Mass	do	23,481	8								1			
Warren, Ohio	Dec. 13	8,529	2											
Do	Dec. 20	8,529	2			1								
Do	Dec. 27	8,529	3											
Weymouth, Mass	Dec. 20	11,324	0											
Do	Dec. 27	11,324	4								1			
Williamsport, Pa	do	28,757	6											
Winona, Minn	Dec. 20	19,714	7									1		
Do	Dec. 27	19,714	4											
Worcester, Mass	Dec. 26	118,421	31	1						1			2	
Youngstown, Ohio	Dec. 6	44,885	11											
Do	Dec. 13	44,885	17							2				
Do	Dec. 20	44,885	13	1						3				
Do	Dec. 27	44,885	15	3						4				

FOREIGN AND INSULAR.

ARABIA.

Reduction of quarantine period.

Vice-Consul W. H. Lockerman reports from Aden, December 10, 1902, that the quarantine between Aden and Hodeidah has been reduced to five days by the international sanitary board at Constantinople.

CANADA.

Inspection of immigrants at Quebec.

Asst. Surg. W. C. Billings reports, December 23, as follows: Week ended Saturday, December 20, number inspected, 44; number passed, 41; number detained, 3. The comparatively small number of immigrants inspected during the week is due to the fact that there are now some 600 of the steamship *Lake Champlain's* steerage passengers detained at quarantine.

The SURGEON-GENERAL.

CHINA.

Report from Hongkong.

Asst. Surg. John D. Kerr reports, November 25, 1902, as follows: During the week ended November 22, 1902, 6 vessels were inspected, 493 individuals were bathed at the disinfecting station and 546 pieces of baggage were disinfected. There was 1 rejection during the week because of fever. The sanitary returns for the week show that there were 2 cases of enteric fever reported, otherwise there were no cases of communicable disease in the colony. The mortality statistics, as published in the Hongkong Government Gazette, show a total of 497 deaths during the month of October, 1902. The total deaths among the British and foreign population were 25, a death rate of 28.1 per 1,000 per annum. The death rate among the Chinese land population was 19.4 per 1,000 per annum and the death rate among the harbor population was 18.5 per 1,000 per annum. Of the total deaths, 2 were due to cholera, 27 to diarrhea, 15 to dysentery, 2 to plague, 41 to malaria, and 52 to beriberi. Nine were due to general tuberculosis, 1 to leprosy, 10 to meningitis, 23 to tetanus, 25 to bronchitis, 25 to pneumonia, and 56 to phthisis.

The SURGEON-GENERAL.

CUBA.

Reports from Havana.

DECEMBER 24, 1902.

Asst. Surg. F. E. Trotter reports as follows for the week ended December 20, 1902:

Number of vessels inspected and issued bills of health, 22; crews of outgoing vessels, inspected, 919; passengers of outgoing vessels inspected, 360; health certificates issued, 105; pieces of baggage inspected, 92; pieces of express matter inspected, 35; pieces of freight inspected, 2,999.

The SURGEON-GENERAL.

DECEMBER 30, 1902.

Week ended December 27, 1902. Number of vessels inspected and issued bills of health, 16; crews of outgoing vessels inspected, 585; passengers of outgoing vessels inspected, 234; health certificates issued, 48; pieces of baggage inspected, 40; pieces of baggage disinfected, 4; pieces of express matter inspected, 11; pieces of freight inspected, 577.

The SURGEON-GENERAL.

GERMANY.

Health of Berlin and weekly death rate.

DECEMBER 22, 1902.

Consul-General Mason reports as follows: During the week ended December 6, the death rate of Berlin was lower than that of the foregoing week, amounting to 15.5 per 1,000 of the inhabitants, but was thus somewhat higher than that for the corresponding week of last year, which only amounted to 15.2 per 1,000. Of the large German cities, Leipzig, Braunschweig, Hanover, Frankfurt-on-the-Main, Charlottenburg (with 12.8 per 1,000), and Schoneberg (with 8.8) showed somewhat more favorable statistics than Berlin, but Magdeburg, Dresden, Breslau, Hamburg, Cologne, Munich, as well as London, Paris, and Vienna, all had considerably higher death rates than Berlin in the week in question. There was a slight decrease in the number of deaths among children in their first year. The mortality rate among infants, 4.0 per 1,000, was but the half of that of Danzig, Stettin, Chemnitz, and Munich. Acute intestinal diseases were of somewhat more frequent occurrence during this week than in the first weeks of November, and caused 33 deaths. There was no change in the number of deaths from diseases of the respiratory organs, which claimed 66 victims during this week, among these being 4 deaths in consequence of influenza. There was, however, a decrease in the number of deaths from consumption, which amounted this week to 75. Cases of scarlet fever and of diphtheria were less frequent, the former causing 6, the latter 5 deaths. There was also a decrease in the number of deaths from measles, this disease claiming 5 deaths this week. Finally, 13 persons died by violence.

DECEMBER 24, 1902.

During the week ended December 13, the death rate of Berlin was higher than it has been since the beginning of June, amounting to 17 per 1,000 of the inhabitants as compared with 15.5 in the foregoing week, and was therefore higher than for the corresponding week of last year. In consequence of the almost general and considerable increase in the mortality, two-thirds of the large German towns showed less favorable sanitary conditions than Berlin. The increase in the number of deaths was far more noticeable among the higher age classes than among children in their first year. The death rate of Munich, Breslau, Cologne, and Leipzig was much higher than that of Berlin, while the mortality in Hamburg, Stuttgart, and Koenigsberg was higher still, the figures for the last two cities amounting to double those of Berlin. The health conditions in London, Paris, and Vienna were also considerably less favorable than those of Berlin. The mortality rate among infants rose from 4 in the foregoing week to 4.3 in this week, but thereby reached only the half of the rate in Stuttgart, Munich, Nuremberg, and Chemnitz. Acute intestinal diseases were of more frequent occurrence during this week than since the end of Octo-

ber, and caused 37 deaths. Cases of acute diseases of the respiratory organs were likewise more numerous, and claimed 71 victims. There were registered 4 deaths from influenza. Consumption caused 87 deaths, a considerable increase over the figures of the foregoing week. Cases of measles were more numerous, of scarlet fever less frequent, the former causing 6, the latter 4 deaths. The number of cases of diphtheria remained the same, 2 of them ending in death. Six persons died by violence, this being the lowest number of any week during the present quarter.

Plague and cholera.

BRITISH INDIA.—In Calcutta during the week ended November 15, 6 persons died of plague and 24 persons died of cholera.

Cholera.

TURKEY.—According to a report from Amman, dated November 25, there were registered on that date 13 new cases of cholera (5 among the railroad workmen and 8 among the inhabitants), with 8 deaths (2 among railroad workmen and 6 among the inhabitants).

According to the sixth official bulletin (dated December 2), regarding cholera in Palestine. there were registered between November 24 and November 30, in Jaffa, 135 cholera cases with 56 deaths; in Hauran, 42 cases between November 18 and November 28. In Sazkie (Djeblia), according to a telegram dated November 25, there occurred during the last forty days, 200 cases of cholera with 70 deaths. According to the sixth bulletin, published up to December 2, there occurred therefore 192 deaths from cholera in Jaffa, 188 deaths in Tiberias, and in other places in Palestine 1,820 deaths from cholera, making a total of 2,200 deaths from this disease since the beginning of October.

Spread of tuberculosis and preventive measures against it.

[Extract from the Gesundheitsbüchlein, published by the imperial health office, Berlin, Germany.]

DECEMBER 24, 1902.

Since Robert Koch discovered the bacillus tuberculosis, much more reliable data has been obtained as to the way in which the disease is disseminated. Although it is well known that a predisposition to tuberculosis is transmitted from parents to children, and that an ordinary cold may prepare the way for phthisis, the cause of the infection is now generally sought in the transmission of living germs. It has been demonstrated that these germs pass out of the patients' bodies with their excretions (sputa, excreta from the bowels, etc.) and still retain their power of infection, so that the danger of conveying the disease still exists a long time after they have dried. These germs have been discovered in the dust of sleeping apartments and other rooms used by patients suffering with tuberculosis, and many cases of this disease have thus been traced from living with such patients or among the occupiers of dwellings formerly tenanted by them. It is now known that murrain, a common disease among cattle, is in reality tuberculosis, and it has, therefore, been claimed that the disease is spread among children by the milk of diseased cows.

In view of the above facts, it is advisable that the excretions of tubercular patients should be rendered inocuous; that the danger arising

from the intercourse of such patients with healthy persons should be avoided as much as possible, and that the use of milk containing tubercle bacilli should be prohibited. To accomplish these objects the following rules should be carried out:

1. All persons, but particularly those suffering with tuberculosis, should deposit their sputum in spittoons. These vessels should contain either liquids which will prevent the sputa from becoming dry and turning to dust, or substances which are readily burned, such as sawdust. They should be cleared at least once daily, and the contents rendered inocuous by combustion or disinfection. When it is not possible to use a spittoon, in walking through the streets for example, patients should carry little bottles with them for the reception of sputum. They should not expectorate upon the ground or into pocket handkerchiefs.

2. Patients' linen and utensils should be thoroughly boiled after use. Their rooms should be disinfected before being occupied by other people.

3. Rooms occupied by consumptives should be kept free from dust.

4. Consumptives and healthy persons should not be allowed to sleep in the same rooms or beds, and the employment of persons suffering with tuberculosis in cooking or selling of food, cigars, etc., should be avoided as far as possible. Where consumptives are obliged to work with healthy people, the foreman of the works should make the observance of the first rule obligatory on all work-people.

5. The sale of the milk of tubercular cows should be prohibited. It is not advisable to drink unboiled milk unless it can be obtained from an absolutely reliable source.

The SURGEON-GENERAL.

HAWAIIAN ISLANDS.

Monthly report.

HONOLULU, H. I., *December 10, 1902.*

SIR: I have the honor to transmit the following report of quarantine transactions in the Hawaiian Islands for the month of November, 1902:

Port of Honolulu—Incoming quarantine.—Number of vessels inspected from foreign ports, 16; domestic ports, 18; number of crew inspected, 3,332; cabin passengers inspected, 740; steerage passengers and stowaways inspected, 3,890; sick in detention from last month, none; number in detention from last month, none; sick in detention for this month, none; number in detention for this month, none; pieces of baggage disinfected, none; packages of freight disinfected, none.

Port of Hilo.—Number of vessels inspected, 4; crew inspected, 40; passengers inspected, 9; vessels remanded, none.

Port of Kahului.—Number of vessels inspected, none; crew inspected, none; passengers inspected, none; vessels remanded, none.

Port of Kihei.—Number of vessels inspected, 1; crew inspected, 18; passengers inspected, none; vessels remanded, none.

Port of Koloa.—Number of vessels inspected, none; crew inspected, none; passengers inspected, none; vessels remanded, none.

Port of Lahaina.—Number of vessels inspected, none; crew inspected, none; passengers inspected, none; vessels remanded, none.

Respectfully, L. E. COFER,
Passed Assistant Surgeon, Chief Quarantine Officer, Hawaii.

The SURGEON-GENERAL.

ITALY.

Reports from Naples.

NAPLES, ITALY, *December 15, 1902.*

P. A. Surg. J. M. Eager reports as follows: For the week ended December 13, 1902, the following ships were inspected at Naples: December 10, the steamship *Citta di Milano*, bound with passengers and cargo for New York. There were inspected and passed 478 steerage passengers and 231 pieces of large baggage; 395 pieces of baggage were disinfected by steam. The rejection of 32 steerage passengers was advised. December 11, the steamship *Trave*, bound with passengers and cargo for New York. There were inspected and passed 576 steerage passengers and 245 pieces of large baggage; 453 pieces of baggage were disinfected by steam. The rejection of 32 steerage passengers was advised.

Inspection at Palermo.

At Palermo for the week ended December 13, 1902, the following ship was inspected: December 7, the steamship *Napolitan Prince*, bound with passengers and cargo for New York. There were inspected and passed 278 steerage passengers; 299 pieces of baggage were disinfected by steam. The rejection of 29 steerage passengers was advised.

Asiatic cholera in Egypt.

Cholera returns from Egypt show that there were 8 cases under treatment December 8, and that the number of cases under treatment had increased to 18, December 12.

Asiatic cholera in Palestine.

Reports dated December 7 showed a decrease of cholera at Jaffa. During the week ended December 6 there were 51 cases and 30 deaths. In the villages in the neighborhood of Jaffa there are scattered cases. There are no cases under treatment at Jerusalem.

The SURGEON-GENERAL.

NAPLES, ITALY, *December 22, 1902.*

Week ended December 20, 1902, the following ships were inspected at Naples: December 16, the steamship *Hesperia*, bound with passengers and cargo for New York. There were inspected and passed 463 steerage passengers and 120 pieces of large baggage; 400 pieces of baggage were disinfected by steam. The rejection of 26 steerage passengers was advised. December 17, the steamship *Liguria*, bound with passengers and cargo for New York. There were inspected and passed 486 steerage passengers and 82 pieces of large baggage; 600 pieces of baggage were disinfected by steam. The rejection of 42 steerage passengers was advised.

Asiatic cholera in Egypt.

Reports from Cairo, dated December 15, 1902, show that, on that date there were 17 cases of Asiatic cholera still under treatment in Egypt. All these cases were at Alexandria.

Bubonic plague in Mauritius.

The reports of the governor of Mauritius show that, for the week ended December 11, 1902, there were 23 cases of bubonic plague at Mauritius with 16 deaths.

The SURGEON-GENERAL.

JAPAN.

Reports from Yokohama.

Asst. Surg. Dunlap Moore reports December 4, as follows: During the week ended November 29, 1902, 3 vessels, having a total personnel of 274 crew and 657 passengers, were inspected; 474 steerage passengers were bathed and their body clothing disinfected by steam; also 659 pieces of baggage were disinfected by formaldehyde.

The official return of infectious diseases in Yokohama for the above period shows: Enteric fever, 7 cases, no deaths; diphtheria, 5 cases, 2 deaths; dysentery, 1 case, no deaths. This city remains free from cholera and plague.

DECEMBER 11, 1902.

Week ended December 6, 1902, 6 vessels, having a total personnel of 425 crew and 483 passengers, were inspected; 334 steerage passengers were bathed, their body clothing being disinfected by steam; also, 432 pieces of baggage were disinfected. A new disinfecting plant is now in operation and is in many respects an improvement on the old one, one of its features being a small steam chamber.

Infectious diseases, as follows, were reported in Yokohama during the past week: Enteric fever, 3 cases, 2 deaths; diphtheria, 3 cases, 2 deaths; dysentery, 2 cases, no deaths.

The SURGEON-GENERAL.

MALTA.

Quarantine laws.

Consul John H. Grout, at Malta, transmits the following:

VALETTA, MALTA, *December 8, 1902.*

By proclamation issued through the medium of the Malta Government Gazette, the quarantine restrictions hitherto placed by the authorities of Malta against Port Said and Suez have been removed. Vessels may now coal and provision at either of the two ports en route through the canal. Following is the proclamation:

GOVERNMENT NOTICE.

His excellency the governor, having heard the opinion of the council of health, has been pleased to repeal government notice No. 270 of November 26, 1902, and to direct that the following regulations be observed as regards vessels and passengers, viz:

Infected places.

1. The following countries are, for purposes of quarantine, to be treated as infected:
a. Arabia (excepting Perim and Aden).
b. China.
c. Egypt (excepting Port Said and Suez).
d. India.
e. Odessa.
2. And the following ports:
a. Ports in the Persian Gulf.
b. Syria, between Sur and Port Said (exclusive of the latter port).

Infected vessels.

3. Infected vessels are vessels which have, or have had, on board, during the voyage or the preceding twenty days, cases of cholera, yellow fever, plague, or any disease with symptoms which, in the opinion of the chief government medical officer, resemble the symptoms of the said diseases.

Vessels which are not allowed to enter the harbor, but are allowed to communicate with quarantine establishments.

4. Infected vessels.
5. Vessels with pilgrims from the East, when not carrying a recognized medical officer.
6. Vessels from infected places, when not carrying a recognized medical officer.

Vessels allowed to load in quarantine.

7. Vessels arriving at Malta without a clean bill of health.
8. Infected vessels when carrying a recognized medical officer and not having on board an actual case of the disease mentioned in paragraph 3 on board.
9. Vessels from infected places not having on board an actual case of the diseases mentioned in paragraph 3 when arriving within ten days from departure.
10. Vessels with pilgrims from the East when carrying a recognized medical officer.

Vessels from infected places admitted to pratique.

11. Vessels without a clean bill of health, or from infected places, will be admitted to pratique after ten days from date of departure.

Medical inspection.

12. All vessels and passengers on arrival are subject to medical inspection.

Passengers.

13. Passengers, before landing, must declare on oath before a marine police officer that they have not been in or have not communicated with an infected place within the last ten days. Otherwise they shall remain in quarantine to complete ten days from departure.
14. Passengers arriving on vessels without a clean bill of health shall complete ten days' quarantine from departure.
15. Passengers arriving from infected places after ten days from date of departure are allowed to land in free pratique after strict medical inspection and thorough disinfection of their persons, effects, and luggage, if the inspecting medical officer is satisfied that they are in good health.
16. Passengers not otherwise provided for are subjected to the restrictions applicable to the vessels on which they arrive.
17. When twenty days have elapsed from the last case of plague, cholera, or other disease against which restrictions have been in force with regard to a country or place declared to be an infected place, a notice will be issued by the collector of customs to the effect that the place or port is no longer to be dealt with as infected.

N. B.—Vessels that carry a doctor and pass through the Suez Canal without taking on board either cargo or passengers will not be considered infected by contact with canal pilots taken on board from a disinfecting station or by coaling and provisioning at Port Said or Suez under restrictions approved by the chief Government medical officer.

The word "passengers," as used in this notice, includes the crew.

By command, E. M. MEREWETHER,
Lieutenant-Governor and Chief Secretary to Government.

PALACE, VALLETTA, *December 6, 1902.*

MEXICO.

Plague at Ensenada and Mazatlan.

Dr. Liceaga, of the Mexican superior board of health, declares, December 31, 1902, the presence of plague at Ensenada and Mazatlan.

PHILIPPINE ISLANDS.

Cholera report for Manila, November 2 to November 8, 1902, inclusive.

Date.	Number of cases.					Total.	
	Filipinos.	Chinese.	Americans.	Europeans.	Others.	Cases.	Deaths.
November 2							
November 3	4					4	4
November 4	5					5	4
November 5	2	1				3	5
November 6	4		1			5	3
November 7	6					6	3
November 8	15	1	2			18	7
Total	36	2	3			41	26

Cholera report for Manila, November 9 to November 15, 1902, inclusive.

Date.	Number of cases.					Total.	
	Filipinos.	Chinese.	Americans.	Europeans.	Others.	Cases.	Deaths.
November 9							
November 10	16	1				17	13
November 11	12		2	1		15	9
November 12	14	2	1		1	18	13
November 13	36	3	1	1	1	42	21
November 14	31	1	1		1	34	27
November 15	15		1	1		17	15
Total	124	7	6	3	3	143	98

Report of cholera occurring in provincial towns in the Philippine Islands for the week ended November 8, 1902.

Place.	Province.	Cases.	Deaths.
Malolos	Bulacan	10	6
Cabanatuan	Nueva Ecija	3	3
Laoag	Ilocos Norte	24	28
Sorsogon	Sorsogon	48	10
Bani	Zambales	9	7
Total		94	54

Report of cholera occurring in provincial towns in the Philippine Islands for the week ended November 15, 1902.

Place.	Province.	Cases.	Deaths.
Malolos	Bulacan	2	1
Mariquina	Rizal	9	0
Pasig	do	0	3
San Mateo	do	1	1
Laoag	Ilocos Norte	7	7
Licab	do	6	6
Cabanatuan	Nueva Ecija	1	1
Aliaga	do	1	1
Lipa	Batangas	1	1
Arayat	Pampanga	25	17
Tacloban	Island of Leyte	35	35
Cagayan	Island of Mindanao, Misamis	3	5
Calivo	Island of Panay, Capiz	14	14
Ibajay	do	46	17
San Jose	Antique	7	7
Total		158	116

Few reports have been received from the provinces during this period on account of break in telegraphic communications, and therefore the data given is not a true index of the prevalence of cholera outside of Manila.

Foreign and insular statistical reports of countries and cities—Yearly and monthly.

AFRICA—*Sierra Leone.*--Week ended November 14, 1902. Estimated population, 40,000. Total number of deaths, 11. No contagious diseases.

Week ended December 6, 1902. Total number of deaths, 12. No contagious diseases.

ARGENTINA—*Buenos Ayres.*—Month of October, 1902. Estimated population, 864,359. Total number of deaths, 1,234, including diphtheria, 9; enteric fever, 5; measles, 4; scarlet fever, 6; smallpox, 12, and 172 from tuberculosis.

BAHAMAS—*Dunmore Town.*—Two weeks ended December 19, 1902. Estimated population, 1,232. No deaths and no contagious diseases.

Governors Harbor.—Week ended December 20, 1902. Estimated population, 1,500. No deaths and no contagious diseases.

Green Turtle Cay—Abaco.—Two weeks ended December 17, 1902. Estimated population, 3,314. No deaths and no contagious diseases.

Nassau.—Two weeks ended December 22, 1902. Estimated population, 13,601. Number of deaths not reported. No contagious diseases reported.

CUBA—*Havana.*—Month of November, 1902. Estimated population, 275,000. Total number of deaths, 418, including diphtheria, 1; enteric fever, 5, and 86 from tuberculosis.

DUTCH GUIANA—*Paramaribo.*—Month of November, 1902. Estimated population, 31,626. Total number of deaths, 67. No contagious diseases reported.

FRANCE—*Marseille.*—Month of November, 1902. Estimated population, 491,161. Total number of deaths, 962, including diphtheria, 6; enteric fever, 23; measles, 7; scarlet fever, 1; whooping cough, 1; smallpox, 37, and 96 from phthisis pulmonalis.

GERMANY—*Hanover.*—Month of October, 1902. Estimated population, 245,099. Total number of deaths, 300, including 22 from infectious diseases.

Weimar.—Month of November, 1902. Estimated population, 29,116. Total number of deaths, 33, including 1 from diphtheria.

GIBRALTAR.—Four weeks ended December 14, 1902. Estimated population, 27,460. Total number of deaths, 24, including diphtheria, 1, and 1 from enteric fever.

GREAT BRITAIN—*England and Wales.*—The deaths registered in 76 great towns in England and Wales during the week ended December 13, 1902, correspond to an annual rate of 19.6 per 1,000 of the aggregate population, which is estimated at 14,862,880.

Bradford.—Two weeks ended December 13, 1902. Estimated population, 281,770. Total number of deaths, 169, including diphtheria, 4; enteric fever, 3; whooping cough, 3, and 12 from tuberculosis.

London.—One thousand six hundred and eighty-two deaths were registered during the week, including measles, 60; scarlet fever, 10; diphtheria, 27; whooping cough, 31; enteric fever, 12, and diarrhea, 12. The deaths from all causes correspond to an annual rate of 19.2 per 1,000. In Greater London 2,324 deaths were registered. In the "outer ring" the deaths included 1 from diphtheria, 13 from measles, 1 from scarlet fever, 6 from whooping cough, and 4 from diarrhea.

Ireland.—The average annual death rate represented by the deaths registered during the week ended December 13, 1902, in the 21 principal town districts of Ireland was 25.8 per 1.000 of the population, which is estimated at 1,092, 401. The lowest rate was recorded in Newtownards, viz, 5.7, and the highest in Limerick, viz, 47.8 per 1,000. In Dublin and suburbs 219 deaths were registered, including diphtheria, 1; enteric fever, 5; measles, 10; scarlet fever, 1, and 30 from tuberculosis.

Scotland.—The deaths registered in 8 principal towns during the week ended December 13, 1902, correspond to an annual rate of 19.9 per 1,000 of the population, which is estimated at 1,679,923. The lowest mortality was recorded in Greenock, viz, 13.6, and the highest in Perth, viz, 23.4 per 1,000. The aggregate number of deaths registered from all causes was 643, including diphtheria, 9; measles, 7; scarlet fever, 2, and 31 from whooping cough.

JAPAN—*Nagasaki.*—Ten days ended November 30, 1902. Estimated population, 131,700. Total number of deaths not reported. No contagious diseases reported.

JAVA—*Batavia.*—Two weeks ended November 22, 1902. Estimated population, 150,000. Number of deaths not reported. Thirty-two deaths from cholera reported.

MALTA —Two weeks ended December 6, 1902. Estimated population, 189,749. Total number of deaths, 222, including diphtheria, 4, and 3 from enteric fever.

NORFOLK ISLAND.—Month of October, 1902. Estimated population, 906. No deaths and no contagious diseases.

PORTO RICO.—Month of November, 1902. Population, 953,947. Total number of deaths, 2,328, including diphtheria, 2; enteric fever, 4, and 132 from tuberculosis.

SPAIN—*Barcelona.*—Two weeks ended December 15, 1902. Estimated population, 672,000. Total number of deaths not reported. Twenty deaths from enteric fever reported.

Cadiz.—Month of November, 1902. Estimated population, 70,177. Total number of deaths, 160, including whooping cough, 3; smallpox, 1, and 23 from tuberculosis.

Cholera, yellow fever, plague, and smallpox, December 27, 1902, to January 9, 1903.

[Reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from United States consuls through the Department of State and other sources.]

[For reports received from June 28, 1902, to December 26, 1902, see PUBLIC HEALTH REPORTS for December 26, 1902.]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Dutch India:				
Java, Batavia	Oct. 26-Nov. 22	125	100	
Egypt:				
Alexandria	Nov. 25-Dec. 8		35	
Damietta	do		10	
Behera Province	do		4	
Gharbieh Province	Dec. 2-Dec. 8		2	
Keneh Province	Nov. 25-Dec. 1		7	
India:				
Bombay	Nov. 19-Nov. 25		1	
Calcutta	Nov. 16-Nov. 29		68	
Japan:				
Hiogo	Nov. 9-Nov. 23	3	2	
Philippine Islands:				
Manila	Nov. 2-Nov. 15	184	124	
Provinces	do	252	170	
Straits Settlements:				
Singapore	Nov. 1-Nov. 15		22	

YELLOW FEVER.

Colombia:				
Panama	Dec. 16-Dec. 22	6	2	
Ecuador:				
Guayaquil	Dec. 1-Dec. 13		14	
Mexico:				
Coatzacoalcos	Dec. 7-Dec. 13	1		
Mexico	Dec. 8-Dec. 14		3	
Tampico	Dec. 7-Dec. 13		8	
Vera Cruz	Dec. 14-Dec. 27	28	7	

PLAGUE.

India:				
Bombay Presidency and Sind—				
Northern Division	Nov. 8-Nov. 22	1,833	1,454	Nine cases imported.
Central Division	do	5,726	4,280	
Southern Division	do	7,027	5,393	
Sind	do	78	54	
Political charges	do	2,942	2,016	Three cases imported.
Madras Presidency	do	824	640	Sixty cases imported.
Bengal—				
Presidency	do	18	17	Imported.
Bhagalpur	do	97	78	
Patna	do	933	727	Including 9 imported seizures.
Upper Province of Agra and Oudh—				
Allahabad	do	1,579	1,329	
Benares	do	397	380	
Fyzabad	do	34	33	
Gorakpur	do	176	141	
Meerut	do	66	39	
Lucknow	do	44	28	
Agra	do	12	4	
Punjab—				
Jullunder	do	1,364	694	
Lahore	do	1,568	810	
Rawalpindi	do	354	188	
Delhi	do	637	439	

Cholera, yellow fever, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India—*Continued.*				
Central Provinces—				
Narbada	Nov. 8-Nov. 22	8	6	Two cases imported.
Mysore State	do	2,957	2,156	
Hyderabad State	do	1,100	935	
Berar	do	716	544	
Rajputana	Nov. 15-Nov. 22	3	3	
Central India	Nov. 8-Nov. 15	18	11	
Kashmir	Nov. 15-Nov. 22	56	45	
Mexico:				
Ensenada	Dec. 31			Reported.
Mazatlan	do			Do.

SMALLPOX.

Argantina:				
Buenos Ayres	Oct. 1-Oct. 31		12	
Austria-Hungary:				
Prague	Nov. 23-Dec. 13	45	1	
Belgium:				
Antwerp	Nov. 23-Dec. 13	6	3	
Brussels	Dec. 1-Dec. 6		1	
Ghent	Nov. 23-Dec. 13		6	
Brazil:				
Bahia	Nov. 16-Nov. 29	4	1	
Pernambuco	Nov. 1-Nov. 15		9	
Canada:				
Manitoba, Winnipeg	Dec. 14-Dec. 20	1		
Nova Scotia, Halifax	Dec. 24	1		On ss. Assyria.
Ecuador:				
Guayaquil	Nov. 23-Nov. 29		2	
France:				
Marseille	Nov. 1-Nov. 30		37	
Gibraltar	Nov. 24-Nov. 30	1		
Great Britain:				
Birmingham	Dec. 1-Dec. 20	2		
Bradford	Dec. 1-Dec. 13	13		
Dundee	do	4		
Edinburgh	Dec. 1-Dec. 6	1		
Leeds	Dec. 1-Dec. 20	30	2	
Liverpool	To Dec. 20	56	1	
London	Dec. 1-Dec. 20	12		
Manchester	Dec. 1-Dec. 13	6		
Sheffield	do	5		
India:				
Bombay	Nov. 19-Dec. 2		5	
Calcutta	Nov. 16-Nov. 22		1	
Korachi	Nov. 24-Nov. 30	1		
Madras	Nov. 15-Nov. 21		1	
Italy:				
Palermo	Nov. 23-Dec. 20	35	3	
Malta	Nov. 24-Nov. 30	1		
Mexico:				
City of Mexico	Dec. 1-Dec. 21	7	4	
Russia:				
Moscow	Nov. 16-Dec. 6	11	2	
Odessa	Nov. 23-Dec. 13		5	
St. Petersburg	do	33	6	
Straits Settlements—				
Singapore	Nov. 1-Nov. 15		5	
Turkey:				
Constantinople	Nov. 24-Dec. 14		4	
Uruguay:				
Montevideo	Nov. 2-Nov. 8	16	1	

Weekly mortality table, foreign and insular cities.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from— Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Acapulco	Dec. 20	6,000	4											
Alexandretta	Dec. 6	9,000	9											
Alexandria	do	335,000	230			13								
Amherstburg	Dec. 27	2,250	1											
Amsterdam	Dec. 30	538,304	174	18								1	2	
Athens	Dec. 13	200,000		11						6				
Barmen	do	142,000	68	9							1	2	4	1
Barranquilla	Dec. 14	40,000	32	1										
Beirut	Dec. 6	80,000	18											
Belfast	Dec. 18	358,693	180							7		1	24	9
Belize	Dec. 25	9,000	4											
Bergen	Dec. 13	73,000	28	7										
Berlin	Nov. 29	1,932,319	584	75							6	5	5	
Birmingham	Dec. 20	528,181	187							4	5	3	5	1
Bombay	Dec. 2	776,006	702		120			2		3			34	
Bristol	Dec. 20	334,632								2		9	3	2
Brussels	Dec. 13	562,895	201							1		1	11	2
Budapest	Dec. 9	729,383									5	3	3	
Do	Dec. 16	729,383									10	5	7	
Calcutta	Nov. 29	847,796	647		12	42								
Catania	Dec. 18	153,523	85	1					2	4				
Christiania	Dec. 13	226,000	81							1		2	17	5
Coatzacoalcos	Dec. 20	3,000	6											
Coburg	Dec. 8	22,163	7	2										
Cologne	Dec. 13	389,288	164	19						3	4	5	3	1
Colombo	Nov. 15	155,869	97											
Do	Nov. 22	155,869	111							1				
Colon	Dec. 21	8,000	10											
Constantinople	Dec. 14	800,000	264	32				1		6	1		2	
Copenhagen	Dec. 6	500,000	123	14								1	4	4
Do	Dec. 13	500,000	152	12									5	
Corunna	do	50,000	28	8									2	
Curaçao	do	31,013	4											
Dresden	Dec. 6	408,200	148	22						1		2	2	
Dublin	Dec. 13	378,761	219	30						4	1	1	10	
Dundee	Dec. 6	162,078	68											
Do	Dec. 13	162,078	56											3
Dusseldorf	do	231,959	84										1	
Edinburgh	do	322,966	107									1	2	2
Flushing	Dec. 20	19,227	9											
Frankfort-on-the-Main	Dec. 13	301,500	78								1	1		2
Funchal	Dec. 14	44,049	15	1										
Geneva	Dec. 6	107,484	40							3				
Girgenti	do	25,069	13											
Glasgow	Dec. 19	775,601	337							2		6	4	20
Guayaquil	Dec. 13	60,000	59	2			10							2
Halifax	Dec. 27	40,787	8											
Hamburg	Dec. 13	724,835	334								18	3	11	6
Hamilton, Bermuda	Dec. 16	16,113	4											
Havana	Dec. 20	236,000	77	10						1				
Havre	Nov. 22	130,196	61	12						1			2	
Do	Dec. 6	130,196	77	17						1			10	
Hongkong	Nov. 15	300,600	123	2										
Karachi	Nov. 30	108,644	140	10										
Kingston, Canada	Dec. 26	19,364	3											
La Rochelle	Dec. 14	31,553	10	1										
Do	Dec. 21	31,553	9	1										
Las Palmas	Dec. 6	49,500	22											
Lausanne	do	48,494	15											
Leeds	Dec. 13	437,036	151	12				1		7	1	1	6	3
Do	Dec. 20	437,036	157	10						3	1	1	4	1
Leith	Dec. 13	78,605	32	2										
Licata	Dec. 6	24,000	9									1		
Liege	do	161,655	42	3						1				
Liverpool	Dec. 20	710,337	360						1	2	9	6	24	5
Livingston, Guatemala	Dec. 15	3,000	1											
Do	Dec. 22	3,000	0											
London	Dec. 13	6,705,731	2,324							17	13	38	82	51
Lyons	Dec. 6	500,000	169	33						2	1			
Madras	Nov. 28	509,346	417		1								1	
Mainz	Dec. 13	85,000	17	1										
Manchester	do	550,355	222	23						1	1	3	9	3
Mazatlan	Nov. 30	20,000	24											
Do	Dec. 13	20,000	28											

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from— Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Messina	Dec. 13	107,000	27											
Mexico	Dec. 21	368,777	324	35				1	17	1				
Moscow	Dec. 6	1,173,427	508	14						1	19	15	11	4
Munich	do	506,000	205	31							1	2	3	3
Naples	Dec. 15	566,825	224											
Newcastle-on-Tyne	Dec. 13	219,021	98								1		4	
Nottingham	do	239,753	97							2		2		2
Nuremberg	Nov. 29	268,190	110	14						1	8	3		1
Do	Dec. 6	268,190	86	12							4			2
Palermo	Dec. 6	330,000	124	8				2		4				
Panama	Nov. 20	20,000					2							
Paris	Dec. 13	2,660,559	1,018							9	2	15	3	5
Puerto Cortez	Dec. 25	2,000	2											1
Rheims	Dec. 7	108,385	40	5							1			
Do	Dec. 14	108,385	40	2							1			
Rotterdam	Dec. 20	346,866	165							1		1		
St. John, New Brunswick	Dec. 27	40,711	12											
St. Stephen, New Brunswick	do	2,840	1											
Santa Cruz de Teneriffe	Dec. 13	36,500	7	1						1				
Santander	Dec. 15	53,574	29											
Sheffield	Dec. 6	412,000	126	20						4	2	1	6	2
Do	Dec. 13	412,000	124	18							1	2	2	1
Singapore	Nov. 8	97,111	214	31		11		3						
Do	Nov. 15	97,111	231	32		11		2						
Solingen	Dec. 6	15,142	22									1		
Southampton	Dec. 13	107,833	34	3								1	1	
South Shields	do	103,308	53	4							1		7	
Stettin	do	215,267	77											
Sunderland	do	147,983	51								1	1		1
Trapani	do	61,437	20											
Trieste	Nov. 29	183,295	104											
Tuxpam	Dec. 23	13,000	7											
Vera Cruz	Dec. 20	32,000	77	14			3							
Winnipeg	do	50,000	3							1		2		
Yokohama	Nov. 29	189,455										2		
Zurich	Dec. 6	166,000	44											2

By authority of the Secretary of the Treasury:

WALTER WYMAN,
Surgeon-General Public Health and Marine-Hospital Service.